BRUHATH BENGALORE MAHANAGARA PALIKE

Name of Work: Restoration and Improvements of Roads from Doddaballapura Main Road to Nagarjuna Collage, Kaveri Layout, Chowdappa Layout, Maruthinagara, Hariraja Layout and Surrounding Areas in Ward No -03 of Yelahanka New Town Sub Division (PACKAGE NO - 12)

Contractor: H.Srinivas Reddy **Job Code: 003-22-000006**

Estimate Amount :

Sl. No.	Description of item / Chainages	Unit	B	Dimension L	Dimension B	Dimension D	Total Qty	Rate in Rs	Amount in Rs
	ROAD WORKS								
1	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading with 10km lead								
		cum							
	Qty Claimed In 1st & Part Bill						0.00		
	Qty Claimed In 2nd & Part Bill						3626.07		
	Qty Claimed In 3rd & Part Bill						1079.57		
	Qty Claimed In 4th & Part Bill						303.16		
	Qty Claimed In 5th & Part Bill						0.00		
	Total Qty Claimed						5008.80		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						1195.68		
					Anticipated		6204.48		
					Schedule B		5008.80		
					Upto 125 %		6204.48	64.58	400685.32
					Above 125 %		0.00		
2	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.(I No-19.64,P No-147)								
		Sqm							
	Qty Claimed In 1st & Part Bill						0.00		
	Qty Claimed In 2nd & Part Bill						9065.19		
	Qty Claimed In 3rd & Part Bill						3598.53		

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Sl. No	Description of item Chainages	Unit	B	Dimension L	 B	 D	Total Qty	Rate in Rs	Amount in Rs
	Qty Claimed In 4th & Part Bill						2525.04		
	Qty Claimed In 5th & Part Bill						0.00		
	Total Qty Claimed						15188.76		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						1809.30		
					Anticipated -		**16998.06**		
					Schedule B -		**16696.00**		
					Upto 125 % -		16998.06	6.42	109127.55
					Above 125 % -		**0.00**		
3	Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a mechanical mix plant at OMC, Carriage of mixed material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the 98 % proctor density, complete as per specifications								
		cum							
	Qty Claimed In 1st & Part Bill						0.00		
	Qty Claimed In 2nd & Part Bill						1359.78		
	Qty Claimed In 3rd & Part Bill						539.78		
	Qty Claimed In 4th & Part Bill						378.76		
	Qty Claimed In 5th & Part Bill						0.00		
	Total Qty Claimed						2278.32		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						271.40		
					Anticipated -		**2549.72**		
					Schedule B -		**2504.40**		
					Upto 125 % -		**2549.72**	**2014.87**	**5137354.34**
					Above 125 % -		**0.00**		

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Sl. No	Description of item / Chainages	Unit	B	Dimension L	B	D	Total Qty	Rate in Rs	Amount in Rs
4	KSRRB M600-1.Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and 0.86cum and fine aggregate @0.58cum over a prepared sub-base,coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1.Aggregate gradation after blending to be as per Table 600-1,optimum moisture content to be determind during trial length construction,concrete strength not be determinde during trial length costruction, concrete strength not to be less than 10Mpa at 7 days,mixed in a batching plant,transported to site,laid with a paver,compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per spectications. Clause 601 of MORTH V Revision and IS 456 Table-5 , with OPC at 150 kg/cum and coarse aggregate 0.86 cum,fine aggregate 0.58 cum using concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver								
		cum							
	Qty Claimed In 1st & Part Bill						0.00		
	Qty Claimed In 2nd & Part Bill						0.00		
	Qty Claimed In 3rd & Part Bill						494.66		
	Qty Claimed In 4th & Part Bill						162.12		
	Qty Claimed In 5th & Part Bill						0.00		
	Total Qty Claimed						656.78		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						488.04		
						Anticipated	1144.82		
						Schedule B	656.78		
						Upto 125 %	820.98	4101.90	3367577.86
						Above 125 %	323.84	4256.78	1378515.64
5	Constructing un-reinforced,plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum,fine aggregates at 0.46 cum,coarse and fine aggregate conforming to IS 383-2016,with Superplastizer at 3 lts conforming to IS 9103-2008.mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design,laid in approved fixed side form work (sreel channel,layning and fixing of 125 micron thick polythene fim, wedges, steel plates including levelling the form work as per drawing). & Speration the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a construction and longitudinal joints,including groove cutting charges,joint filler,separation membrane of impermiable plastic sheet of 125 micron,sealant primer, joint sealant, admixtures as approved, curring compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials,labour,hire charges of machineries , all lead & lift charges etc., complete as per specifications.with OPC AT 360 kg/cum and coarse aggregate 0.69,fineaggregate 0.46cum.								
		cum							
	Qty Claimed In 1st & Part Bill						0.00		

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Sl. No.	Description of item Chainages	Unit	B	Dimension L	B	D	Total Qty	Rate in Rs	Amount in Rs
	Qty Claimed In 2nd & Part Bill						0.00		
	Qty Claimed In 3rd & Part Bill						494.66		
	Qty Claimed In 4th & Part Bill						162.12		
	Qty Claimed In 5th & Part Bill						0.00		
	Total Qty Claimed						656.78		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						488.04		
					Anticipated		1144.82		
					Schedule B		656.78		
					Upto 125 %		820.98	5690.65	4671909.8
					Above 125 %		323.84	6062.35	1963231.4
6	KSRB 4-1.6: Providing and laying in postion Plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.								
		cum							
	Qty Claimed In 1st & Part Bill						65.67		
	Qty Claimed In 2nd & Part Bill						0.00		
	Qty Claimed In 3rd & Part Bill						0.00		
	Qty Claimed In 4th & Part Bill						20.38		
	Qty Claimed In 5th & Part Bill						0.00		
	Total Qty Claimed						*86.05*		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						0.00		
					Anticipated		86.05		
					Schedule B		115.58		
					Upto 125 %		86.05	6089.85	524031.59
					Above 125 %		0.00		
7	KSRB 4-1.3 : Providing and laying in position plain cement concrete ofg Mix 1:4:8 with opc @180kgs, with 40mm and down size graded granite metal coarse aggregates@0.85 cum and fine aggregates @0.57 cum machine mixed , machine mixed, concrete laid in layers mot exceeding 15cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per Specifications.								
		cum							
	Qty Claimed In 1st & Part Bill						547.44		
	Qty Claimed In 2nd & Part Bill						0.00		

Sl. No.	Description of item / Chainages	Unit	B	Dimension L	B	D	Total Qty	Rate in Rs	Amount in Rs
	Qty Claimed In 3rd & Part Bill						0.00		
	Qty Claimed In 4th & Part Bill						331.74		
	Qty Claimed In 5th & Part Bill						0.00		
	Total Qty Claimed						879.18		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						54.60		
						Anticipated	933.78		
						Schedule B	991.05		
						Upto 125 %	933.78	5675.99	5300125.94
						Above 125 %	0.00		
8	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications.	cum							
	Qty Claimed In 1st & Part Bill						3713.63		
	Qty Claimed In 2nd & Part Bill						0.00		
	Qty Claimed In 3rd & Part Bill						0.00		
	Qty Claimed In 4th & Part Bill						1972.11		
	Qty Claimed In 5th & Part Bill						0.00		
	Total Qty Claimed						5685.74		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						515.05		
						Anticipated	6200.79		
						Schedule B	6735.85		
						Upto 125 %	6200.79	217.43	1348237.77
						Above 125 %	0.00		
9	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200 including cost of materials, labour, HOM complete as per specifications. Wall and Bottom Thickness 15 cm.	Cum							
	Qty Claimed In 1st & Part Bill						918.71		
	Qty Claimed In 2nd & Part Bill						0.00		

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Sl. No.	Description of item / Chainages	Unit	B	Dimension L	B	D	Total Qty	Rate in Rs	Amount in ₹
	Qty Claimed In 3rd & Part Bill						0.00		
	Qty Claimed In 4th & Part Bill						627.56		
	Qty Claimed In 5th & Part Bill						0.00		
	Total Qty Claimed						1546.27		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						107.43		
					Anticipated		1653.70		
					Schedule B		1894.04		
					Upto 125 %		1653.70	7497.22	12398152.71
					Above 125 %		0.00		
10	KSRRB M 2200-6 Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. MORTH Specification No 1600 & 2200 TMT Bars Fe 500								
		Tonne							
	Qty Claimed In 1st & Part Bill						63.00		
	Qty Claimed In 2nd & Part Bill						0.00		
	Qty Claimed In 3rd & Part Bill						0.00		
	Qty Claimed In 4th & Part Bill						39.40		
	Qty Claimed In 5th & Part Bill						0.00		
	Total Qty Claimed						102.40		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						6.246		
					Anticipated		108.65		
					Schedule B		114.16		
					Upto 125 %		108.65	80948.07	8795007.81
					Above 125 %		0.00		
11	Providing and Fixing pre cast covering Slab of 100mm thick made out of CC jelly 20mm and down size with steel reinforecement , inclunding form work, lift charges, curing including cost of all materials ,Labour,Hire charges of machineries,loading onloading,lead and lift,Transportation etc,complete. as per Engineer in-charge.								
		Sqm							
	Qty Claimed In 1st & Part Bill						2955.24		
	Qty Claimed In 2nd & Part Bill						0.00		
	Qty Claimed In 3rd & Part Bill						0.00		

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Sl. No.	Description of item / Chainages	Unit	B	Dimension L	B	D	Total Qty	Rate in Rs	Amount in Rs
	Qty Claimed In 4th & Part Bill						1568.55		
	Qty Claimed In 5th & Part Bill						0.00		
	Total Qty Claimed						4523.79		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						255.24		
					Anticipated		4779.03		
					Schedule B		5337.00		
					Upto 125 %		4779.03	1941.22	9277148.62
					Above 125 %		0.00		
12	Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)								
		Sqm							
	Qty Claimed In 1st & Part Bill						30.12		
	Qty Claimed In 2nd & Part Bill						0.00		
	Qty Claimed In 3rd & Part Bill						0.00		
	Qty Claimed In 4th & Part Bill						37.08		
	Qty Claimed In 5th & Part Bill						0.00		
	Total Qty Claimed						67.20		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						70.44		
					Anticipated Qty		137.64		
					Schedule B Qty		67.20		
					Upto 125 % Qty		84.00	4530.86	380592.24
					Above 125 % Qty		53.64	4530.86	243035.33
13	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165 mm respectively , 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials , labour,hire charges of machinery, loading, unloading, lead and lift, transportation ect., complete.								
		No							
	Qty Claimed In 1st & Part Bill						7297.00		
	Qty Claimed In 2nd & Part Bill						0.00		

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Amount in Rs
12398152.71
8795007.81

Sl. No.	Description of item / Chainages	Unit	B	Dimension L	B	D	Total Qty	Rate in Rs	Amount in Rs
	Qty Claimed In 3rd & Part Bill						0.00		
	Qty Claimed In 4th & Part Bill						2003.00		
	Qty Claimed In 5th & Part Bill						0.00		
	Total Qty Claimed						9300.00		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						0.00		
				Anticipated			9300.00		
				Schedule B			19940.74		
				Upto 125 %			9300.00	436.80	4062240.00
				Above 125 %			0.00		
14	KSRRB 800-1. Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 ,Specification No.KSRRB M800 -6.P.No.180,I.No-24.1 of PW,P & IWTD SR 2018-19 ,								
		Sqm							
	Qty Claimed In 1st & Part Bill						0.00		
	Qty Claimed In 2nd & Part Bill						0.00		
	Qty Claimed In 3rd & Part Bill						0.00		
	Qty Claimed In 4th & Part Bill						0.00		
	Qty Claimed In 5th & Part Bill						0.00		
	Total Qty Claimed						0.00		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						1276.45		
				Anticipated			1276.45		
				Schedule B			2075.50		
				Upto 125 %			1276.45	85.65	109327.94
				Above 125 %			0.00		
15	KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications (P.No.-155,I.No.-20.18)								
		Cum							
	Qty Claimed In 1st & Part Bill								
	Qty Claimed In 2nd & Part Bill						0.00		
							1813.04		

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Sl. No	Description of item / Chainages	Unit	B	Dimension L	B	D	Total Qty	Rate in Rs	Amount in Rs
	Qty Claimed In 3rd & Part Bill						0.00		
	Qty Claimed In 4th & Part Bill						0.00		
	Qty Claimed In 5th & Part Bill						198.54		
	Total Qty Claimed						2011.58		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						0.00		
					Anticipated		2011.58		
					Schedule B		2298.80		
					Upto 125 %		2011.58	2021.29	4065986.54
					Above 125 %		0.00		
16	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and sparying primer at the rte of 0.60 kg /sqm using mechanical means complete as per specifications .Clause 502 of MoRTH V th Revision (pg No.158 I No-21.6), Issue Rate								
		Sqm							
	Qty Claimed In 1st & Part Bill						0.00		
	Qty Claimed In 2nd & Part Bill						9065.19		
	Qty Claimed In 3rd & Part Bill						0.00		
	Qty Claimed In 4th & Part Bill						0.00		
	Qty Claimed In 5th & Part Bill						992.70		
	Total Qty Claimed						10057.89		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						0.00		
					Anticipated		10057.89		
					Schedule B		10499.50		
					Upto 125 %		10057.89	34.26	344583.31
					Above 125 %		0.00		
17	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of materials , labour, HOM complete as per specification								
		Sqm							
	Qty Claimed In 1st & Part Bill						0.00		
	Qty Claimed In 2nd & Part Bill						16043.50		

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Sl. No	Description of item	Unit	B	Dimension			Total Qty	Rate in Rs	Amount in Rs
	Chainages			L	B	D			
	Qty Claimed In 3rd & Part Bill						0.00		
	Qty Claimed In 4th & Part Bill						0.00		
	Qty Claimed In 5th & Part Bill						11886.00		
	Total Qty Claimed						27929.50		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						489.09		
					Anticipated		28418.59		
					Schedule B		27929.50		
					Upto 125 %		28418.59	12.85	365178.88
					Above 125 %		0.00		
18	KSRRB M500-17. Providing and laying Dense Graded Bituminous Macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. clause 505 of MORTH V revisionusing 40/60 TPH capacity H.M.P. with mechanical paver Gr-II (50mm to 75mm) with 4.5% VG-30 bitumen with all lead and lift and as per the direction of Engineer in-charge.I.No.-21.17.6,Pg.No.- 160 ,Data Rate								
		cum							
	Qty Claimed In 1st & Part Bill						0.00		
	Qty Claimed In 2nd & Part Bill						802.17		
	Qty Claimed In 3rd & Part Bill						0.00		
	Qty Claimed In 4th & Part Bill						0.00		
	Qty Claimed In 5th & Part Bill						594.31		
	Total Qty Claimed						1396.48		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						24.44		
					Anticipated		1420.92		
					Schedule B		1396.48		
					Upto 125 %		1420.92	7365.73	10466113.07
					Above 125 %		0.00		

Sl. No.	Description of item / Chainages	Unit	B	Dimension L	Dimension B	Dimension D	Total Qty	Rate in Rs	Amount in Rs
19	Providing and laying Bituminous concrete , using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision - using 40-60 TPH capacity HMP with mechanical paver grading II (30-40mm) with 5.4% of VG-30 bitumen .								
		cum							
	Qty Claimed In 1st & Part Bill						0.00		
	Qty Claimed In 2nd & Part Bill						641.74		
	Qty Claimed In 3rd & Part Bill						0.00		
	Qty Claimed In 4th & Part Bill						0.00		
	Qty Claimed In 5th & Part Bill						410.50		
	Total Qty Claimed						1052.24		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						84.50		
					Anticipated		1136.74		
					Schedule B		1052.24		
					Upto 125 %		1136.74	8534.82	9701871.29
					Above 125 %		0.00		
20	KSRRB M800-13. Road Marking with Hot Applied 'Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface / Concrete Surface :- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications								
		Sqm							
	Qty Claimed In 1st & Part Bill						0.00		
	Qty Claimed In 2nd & Part Bill						755.25		
	Qty Claimed In 3rd & Part Bill						0.00		
	Qty Claimed In 4th & Part Bill						0.00		
	Qty Claimed In 5th & Part Bill						396.20		
	Total Qty Claimed						1151.45		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						0.00		

Sl. No.	Description of item Chainages	Unit	B	Dimension L B D		Total Qty	Rate in Rs	Amount in Rs
					Anticipated	1151.45		
					Schedule B	1298.20		
					Upto 125 %	1151.45	459.29	528849.47
					Above 125 %	0.00		
21	KSRRB M800-35. Supply and Installtion of Moulded Shank Raised Pavement Markers made of polycarbonate and ABS(Acrylonitrile Butadiene Styrene) moulded body and reflective panels with micro prismatic lens capable of providing total internal reflection of the light entering the lens face and shall support a load of 16000 kg tested in accordance to Specifications of Category A of MORTH Circular No RW/ NH/33023/10-97 - DO III Dt 11.06. 1997. The height, width and length shall not exceed 50 mm, 100 mm and 102 mm and with minimum reflective area of 13 Sqcm on each side and the slope to the base shall be 35 degree. The strength of detachment of the integrated cylindrical shanks, (of diameter not less than 19 mm and height not less than 30 mm) from the body is to be a minimum value of 500 Kg. Fixing will be by drilling holes on the road for the shanks to go inside, without nails and using epoxy resin based adhesive as per manufacturer's recommendation and complete as directed by the engineer							
		No						
	Qty Claimed In 1st & Part Bill					0.00		
	Qty Claimed In 2nd & Part Bill					672.00		
	Qty Claimed In 3rd & Part Bill					0.00		
	Qty Claimed In 4th & Part Bill					0.00		
	Qty Claimed In 5th & Part Bill					370.00		
	Total Qty Claimed					1042.00		
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)					0.00		
					Anticipated	1042.00		
					Schedule B	1193.85		
					Upto 125 %	1042.00	360.79	375943.18
					Above 125 %	0.00		
	EXTRA ITEMS (EIRL)							
E-1	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300 MOST Specification No.1000 / 2300 - - 600mm. dia							
		Mtr						
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)					176.00		
						176.00	3416.28	601265.28

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(2)

Sl. No.	Description of item / Chainages	Unit	B	Dimension L	B	D	Total Qty	Rate in Rs	Amount in Rs
E-2	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13								
		Cum							
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						9.95		
							9.95	**4920.48**	**48958.78**
E-3	KSRRB 500-2. Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501								
		Sqm							
	Qty To Be Claimed (Including Quantity Reserved in 4th & 5th Part Bills)						11382.39		
							11382.39	**5.35**	**60895.79**
							Sub Total		**86025947.51**
	Cost towards GST @ 12%								**10323113.70**
	Total Savings including GST								**2608274.47**
	Total Work Order Amount (Rs. 88354764) + 12% GST (Rs. 10602571.68)								**98957335.68**

Certificate:-

1. That the workspot inspected by me and found work is necessary.
2. That the area comes with in the BBMP limits
3. That the rates are adopted based on the PWD SR of 2018-19 with issue rate as on 02-11-2022
4. That the provisions made in the estimate are necessary and quite essential.

Technical Sanction
Accorded For Rs.8835476 4/-
Head of A/C. 1.2.2.2.3....
CER NO :....4.6..... Dt: 10/03/23

PMC Consultant

Asst. Engineer
Yelahanka New Town Sub Division
BBMP Bangalore

Asst Executive Engineer
Yelahanka New Town Sub Division
BBMP Bangalore

Executive Engineer
Yelahanka Division
BBMP Bangalore